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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|------------------------|----------------------------|----------------------|---------------------|------------------|
| 10/572,732 | 07/18/2006 | Kurt R. Zinn | 21085.0050U2 | 5282 |
| 23859 Ballard Spahr | 7590 08/18/201 | 1 | EXAMINER | |
| SUITE 1000 | | | KELLY, ROBERT M | |
| 999 PEACHTI | REE STREET A 30309-3915 | | ART UNIT | PAPER NUMBER |
| | | | 1633 | • |
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| | | | NOTIFICATION DATE | DELIVERY MODE |
| | | | 08/18/2011 | ELECTRONIC |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USpatentmail@ballardspahr.com

| | Application No. | Applicant(s) | | | | |
|---|---|---|--|--|--|--|
| Notice of Abandonment | 10/572,732 | ZINN ET AL. | | | | |
| Notice of Abandonment | Examiner | Art Unit | | | | |
| | ROBERT M. KELLY | 1633 | | | | |
| The MAILING DATE of this communication app | ears on the cover sheet with the o | correspondence address | | | | |
| This application is abandoned in view of: | | | | | | |
| Applicant's failure to timely file a proper reply to the Office (a) A reply was received on (with a Certificate of N period for reply (including a total extension of time of | Mailing or Transmission dated | | | | | |
| (b) A proposed reply was received on, but it does (A proper reply under 37 CFR 1.113 to a final rejection application in condition for allowance; (2) a timely filed Continued Examination (RCE) in compliance with 37 C | n consists only of: (1) a timely filed a I Notice of Appeal (with appeal fee); | mendment which places the | | | | |
| (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). | | | | | | |
| (d) No reply has been received. | | | | | | |
| Applicant's failure to timely pay the required issue fee and from the mailing date of the Notice of Allowance (PTOL-8) | 5). | | | | | |
| (a) The issue fee and publication fee, if applicable, was | | | | | | |
| (b) The submitted fee of \$ is insufficient. A balance | | 055 4 404 5 4 | | | | |
| The issue fee required by 37 CFR 1.18 is \$ The issue fee and publication fee, if applicable, has no | | CFR 1.18(d), is \$ | | | | |
| | | | | | | |
| Applicant's failure to timely file corrected drawings as requ Allowability (PTO-37). | • | | | | | |
| (a) Proposed corrected drawings were received on after the expiration of the period for reply. | (with a Certificate of Mailing or Trai | nsmission dated), which is | | | | |
| (b) No corrected drawings have been received. | | | | | | |
| The letter of express abandonment which is signed by the the applicants. | e attorney or agent of record, the ass | ignee of the entire interest, or all of | | | | |
| The letter of express abandonment which is signed by an 1.34(a)) upon the filing of a continuing application. | attorney or agent (acting in a repre- | sentative capacity under 37 CFR | | | | |
| The decision by the Board of Patent Appeals and Interference of the decision has expired and there are no allowed clair | | se the period for seeking court review | | | | |
| 7. The reason(s) below: | | | | | | |
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| | /ROBERT M KELLY/ Primary Examiner, Art Un | it 1633 | | | | |
| | . Illiary Examinor, Art on | | | | | |

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

US Patent and Trademark Office
PTOL-1432 (Fev. 04-01)

Notice of Abandonment

Part of Paper No. 20110813